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INFANT

and

NEONATAL MORTALITY

and

STILLBIRTH RATES

by

MONTANA HOSPITALS

Prepared by

Montana State Board of Health
Division of Child Health Services
Division of Records and Statistics
and-

Montana Medical Association
Maternal & Child Welfare Committee

1956
1957, Helena, Montana

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FOREWORD

TO: Hospital Administrators,
Medical Staffs, and Nurses

In 1956 all hospitals in Montana doing obstetrics cooperated with the State Board of Health and the Maternal and Child Welfare Committee of the Montana Medical Association by returning, quarterly, information on the number of live births, stillbirths, neonatal, and infant deaths occurring in their respective hospitals. This information has been tabulated for each of four groups representing a classification by number of hospital beds.

In 1956 there were 17,487 live births in Montana (by place of occurrence) for a rate of 25.9 per 1,000 estimated population. There were 495 infant deaths. Of these infant deaths there were 343 neonatal deaths (birth to 1 month of age). Montana's maternal and infant mortality rates are low, but there is still room for continued improvement in prenatal care, hospital facilities, and services.

This report is the first of its kind for Montana. It is hoped that hospitals and medical staffs will continue to cooperate by reporting mortality and by continuing to support the perinatal death studies. In this report hospitals are ranked on the basis of their infant death rate. The hospital ranked number 1 in each group has the lowest infant death rate in that bed class. Your hospital is checked in red in the report. It is further hoped that the administrators, medical staffs, and nurses will review the report and consider where improvements can be made in their own hospital.

Consultation in connection with construction in hospitals, with problems in the care of the premature and newborn, and with the control of communicable disease is available on request through the State Board of Health.

Montana State Board of Health
Maternal and Child Welfare Committee
of the Montana Medical Association

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1 - GENERAL HOSPITALS
 Montana, 1956
 (100 beds or more)

Rank in Group	Number of Live Births	Number of Deaths				Rate per 1,000 Live Births			
		Infant	1-11 Months	Neonatal	Stillbirth	Infant	1-11 Months	Neonatal	Stillbirth
TOTAL	7,933	172	29	143	103	MEAN	21.7	3.7	13.0
1	750	10	1	9	7		13.3	1.3	12.0
2	573	9	1	8	5		15.7	1.7	14.0
3	1,534	27	3	24	19		17.6	2.0	15.6
4	356	7	-	7	11		19.7	0.0	19.7
5	402	8	2	6	5		19.9	5.0	14.9
6	826	17	4	13	12		20.6	4.8	15.7
7	947	24	7	17	3		25.3	7.4	18.0
8	678	18	5	13	15		26.5	7.4	19.2
9	935	25	4	21	15		26.7	4.3	22.4
10	932	27	2	25	11		29.0	2.1	26.8

2 - INTERMEDIATE GENERAL HOSPITALS
 Montana, 1956
 (40-99 beds)

Rank in Group	Number of Live Births	Number of Deaths				Rate per 1,000 Live Births			
		Infant	1-11 Months	Neonatal	Stillbirth	Infant	1-11 Months	Neonatal	Stillbirth
TOTAL	5,531	103	23	80	81	MEAN	18.6	4.2	14.6
1	220	-	-	-	4	0.0	0.0	0.0	18.2
1	190	-	-	-	1	0.0	0.0	0.0	5.3
2	203	2	-	2	4	9.9	0.0	9.9	19.7
3	448	5	2	3	8	11.2	4.5	6.7	17.9
4	670	9	5	4	7	13.4	7.5	6.0	20.4
5	340	5	3	2	6	14.7	8.8	5.9	17.6
6	338	5	-	5	9	14.8	0.0	14.8	25.6
7	586	9	1	8	6	15.4	1.7	13.7	20.2
8	387	6	1	5	3	15.5	2.6	12.9	7.0
9	368	7	1	6	5	19.0	2.7	16.3	13.6
10	302	6	-	6	2	19.9	0.0	19.9	6.6
11	370	8	1	7	3	21.6	2.7	18.9	8.1
12	66	2	1	1	2	23.3	11.6	11.6	23.3
13	346	12	4	8	5	34.7	11.6	23.1	14.5
14	142	5	1	4	7	35.2	7.0	28.2	49.3
15	27	1	-	1	2	37.0	0.0	37.0	74.1
16	183	7	1	6	4	38.3	5.5	32.8	21.9
17	222	9	-	9	3	40.5	0.0	40.5	13.5
18	103	5	2	3	-	48.5	10.4	39.1	6.6

3 - SMALL GENERAL HOSPITALS

Montana, 1956

(10-39 beds)

Rank in Group	Number of Live Births	Number of Deaths				Rate per 1,000 Live Births			
		Infant	1-11 Months	Neonatal	Stillbirth	Infant	1-11 Months	Neonatal	Stillbirth
TOTAL	3,596 O/E	86	19	67	41	MEAN	23.9	5.3	11.4
✓1	14	-	-	-	-	0.0	0.0	0.0	0.0
✓1	13	-	-	-	-	0.0	0.0	0.0	0.0
✓1	47	-	-	-	-	0.0	0.0	0.0	0.0
✓1	53	-	-	-	-	0.0	0.0	0.0	0.0
✓1	54	-	-	-	1	0.0	0.0	0.0	18.5
✓1	31	-	-	-	1	0.0	0.0	0.0	32.3
✓1	28	-	-	-	-	0.0	0.0	0.0	0.0
✓1	134	-	-	-	2	0.0	0.0	0.0	14.9
✓1	49	-	-	-	1	0.0	0.0	0.0	20.4
✓1	79	-	-	-	1	0.0	0.0	0.0	12.7
✓1	15	-	-	-	1	0.0	0.0	0.0	66.7
✓2	119	1	-	1	1	8.4	0.0	8.4	8.4
✓3	102	1	-	1	-	9.8	0.0	9.8	0.0
✓4	85	1	-	1	2	11.8	0.0	11.8	23.5
✓5	81	1	-	1	-	12.3	0.0	12.3	0.0
✓6	143	2	-	2	1	14.0	0.0	14.0	7.0
✓7	64	1	-	1	1	15.6	0.0	15.6	15.6
✓8	123	2	-	2	1	16.3	0.0	16.3	8.1
✓9	122	2	-	2	2	16.4	0.0	16.4	16.4
✓10	176	3	-	3	1	17.0	0.0	17.0	5.7
✓11	56	1	-	1	-	17.9	0.0	17.9	0.0
✓12	109	2	-	2	1	18.3	0.0	18.3	9.2
✓13	99	2	-	2	1	20.2	0.0	20.2	10.1
✓14	38	1	-	1	-	26.3	0.0	26.3	0.0
✓14	228	6	-	6	2	26.3	0.0	26.3	8.8
✓15	105	3	1	2	1	28.6	9.5	19.0	9.5
✓15	70	2	-	2	1	28.6	0.0	28.6	14.3

3 - SMALL GENERAL HOSPITALS ... Continued
 Montana, 1956
 (10-39 beds)

Rank in Group	Number of Live Births	Number of Deaths				Rate per 1,000 Live Births			
		Infant	1-11 Months	Neonatal	Stillbirth	Infant	1-11 Months	Neonatal	Stillbirth
✓16	154	5	3	2	3	32.5	19.5	13.0	19.5
✓17	242	8	-	8	3	33.1	0.0	33.1	12.4
✓18	150	5	1	4	2	33.3	6.7	26.7	13.3
✓19	28	1	1	-	-	35.7	35.7	0.0	0.0
✓20	132	5	5	-	2	37.9	37.9	0.0	15.2
✓21	52	2	-	2	-	38.5	0.0	38.5	0.0
✓22	244	10	3	7	5	41.0	12.3	28.7	20.5
✓23	226	11	3	8	2	48.7	13.3	35.4	8.8
✓24	101	5	-	5	2	49.5	0.0	49.5	19.8
✓25	30	3	2	1	-	100.0	66.7	33.3	0.0

4 - COMMUNITY HEALTH FACILITY
 Montana, 1956
 (under 10 beds)

Rank in Group	Number of Live Births	Number of Deaths				Rate per 1,000 Live Births			
		Infant	1-11 Months	Neonatal	Stillbirth	Infant	1-11 Months	Neonatal	Stillbirth
TOTAL	94	2	1	1	1	MEAN	21.3	10.6	10.6
1 2	33 61	- 2	- 1	- 1	- 1		0.0 32.8	0.0 16.4	0.0 16.4

